

```

name=('C:\Users\Akshay\Desktop\demo db\session2 bin');
name_of_dir=dir(name);
[n,s]=size(name_of_dir);
fid=fopen('C:\Users\Akshay\Desktop\demo db\demodb.bin','w');
h=234;
fwrite(fid,h,'int');
io=0;
g='0';
f='0';
k='0';
l='0';
for u=3:n
    file=[name '\\' name_of_dir(u).name];
    %f=name_of_dir(u).name;
    fid2=fopen(file,'r');

    k=k+1;
    if(k>57)
        k='0';
        f=f+1;
        if(f>57)
            f='0';
            g=g+1;
        end;

    end;

    p=fread(fid2,1,'uint8');
    fwrite(fid,g,'uint8');
    p=fread(fid2,1,'uint8');
    fwrite(fid,f,'uint8');
    p=fread(fid2,1,'uint8');
    fwrite(fid,k,'uint8');
    for i=1:49
        p=fread(fid2,1,'uint8');
        fwrite(fid,l,'uint8');
    end;
    d=0;
    r=30;
    dim_data=9;
    x_avg_left=fread(fid2,1,'float');
    fwrite(fid,x_avg_left,'float');
    y_avg_left=fread(fid2,1,'float');
    fwrite(fid,y_avg_left,'float');

    x_avg_right=fread(fid2,1,'float');

```

```
fwrite(fid,x_avg_right,'float');
y_avg_right=fread(fid2,1,'float');
fwrite(fid,y_avg_right,'float');
```

```
fread(fid2,1,'int');
fwrite(fid,d,'int');
```

```
x_lip=fread(fid2,1,'float');
fwrite(fid,x_lip,'float');
y_lip=fread(fid2,1,'float');
fwrite(fid,y_lip,'float');
fread(fid2,1,'int');
fwrite(fid,r,'int');
dim_data=fread(fid2,1,'int');
fwrite(fid,dim_data,'int');
d=fread(fid2,1,'int');
fwrite(fid,d,'float');
d=fread(fid2,1,'int');
fwrite(fid,d,'float');
```

```
fread(fid2,1,'int');
fwrite(fid,r,'int');
dim_data=fread(fid2,1,'int');
fwrite(fid,dim_data,'int');
d=fread(fid2,1,'int');
fwrite(fid,d,'float');
d=fread(fid2,1,'int');
fwrite(fid,d,'float');
```

```
fread(fid2,1,'int');
fwrite(fid,r,'int');
dim_data=fread(fid2,1,'int');
fwrite(fid,dim_data,'int');
d=fread(fid2,1,'int');
fwrite(fid,d,'float');
d=fread(fid2,1,'int');
fwrite(fid,d,'float');
```

```
fread(fid2,1,'int');
fwrite(fid,r,'int');
dim_data=fread(fid2,1,'int');
fwrite(fid,dim_data,'int');
d=fread(fid2,1,'int');
fwrite(fid,d,'float');
d=fread(fid2,1,'int');
```

```

fwrite(fid,d,'float');

fread(fid2,1,'int');
fwrite(fid,r,'int');
dim_data=fread(fid2,1,'int');
fwrite(fid,dim_data,'int');
d=fread(fid2,1,'int');
fwrite(fid,d,'float');
d=fread(fid2,1,'int');
fwrite(fid,d,'float');

for b=1:5
for i=1:9
    for j=1:9

        for z=26:55
            t=fread(fid2,1,'float');
            fwrite(fid,t,'float');
        end;

    end;
end;
% for i=1:9
%     for j=1:9
%         for z=26:55
%             t=mt(i,j,z);
%         end;
%     end;
% end;
end;
for op=1:8

    k=k+1;
    if(k>57)
        k='0';
        f=f+1;
        if(f>57)
            f='0';
            g=g+1;
        end;

    end;

    fwrite(fid,g,'uint8');

```

```

        fwrite(fid,f,'uint8');
        fwrite(fid,k,'uint8');
        for i=1:49

            fwrite(fid,l,'uint8');
        end;
d=0;
r=30;
dim_data=9;
x_avg_left=randi([150, 250]);
fwrite(fid,x_avg_left,'float');
y_avg_left=randi([180, 200]);
fwrite(fid,y_avg_left,'float')

x_avg_right=randi([350, 450]);
fwrite(fid,x_avg_right,'float');
y_avg_right=randi([180, 200]);
fwrite(fid,y_avg_right,'float');


fwrite(fid,d,'int');

x_lip=randi([250, 350]);
fwrite(fid,x_lip,'float');
y_lip=randi([350, 450]);
fwrite(fid,y_lip,'float');

fwrite(fid,r,'int');

fwrite(fid,dim_data,'int');

fwrite(fid,d,'float');

fwrite(fid,d,'float');


fwrite(fid,r,'int');

fwrite(fid,dim_data,'int');

fwrite(fid,d,'float');

fwrite(fid,d,'float');

```

```

fwrite(fid,r,'int');

fwrite(fid,dim_data,'int');

fwrite(fid,d,'float');

fwrite(fid,d,'float');


fwrite(fid,r,'int');

fwrite(fid,dim_data,'int');

fwrite(fid,d,'float');

fwrite(fid,d,'float');


fwrite(fid,r,'int');

fwrite(fid,dim_data,'int');

fwrite(fid,d,'float');

fwrite(fid,d,'float');


for b=1:5
for i=1:9
    for j=1:9
        summ=0;
        for z=1:65
            t=rand(1,1);
            S(z)=t;
            summ=summ+t;
        end;
        for z=26:55
            pl=S(z-25)/summ;
            fwrite(fid,pl,'float');
        end;
    end;
end;
% for i=1:9
%     for j=1:9
%         for z=26:55
%             t=mt(i,j,z);

```

```
%  
%           end;  
%  
%       end;  
% end;  
end;  
end;  
  
end;
```